

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	("6457574") or ("6378186") or ("5184766") or ("5044541") or ("4893398").PN.	USPAT	OR	OFF	2007/11/19 14:35
S2	6	("4453303"   "4723356"   "4924996"   "5267683"   "5427300").PN. OR ("6457574").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/19 14:13
S3	35	("4162387"   "4256947"   "4404451"   "4442235"   "4483476"   "4494687"   "4538044"   "4573626"   "4600136"   "4606488"   "4659895"   "4667866"   "4670961"   "4675969"   "4678110"   "4682722"   "4719328"   "4751995"   "4776084"   "4779787"   "4800249"   "4802616"   "4905884"   "5011068"   "5093977"   "5104033"   "5111988"   "5123161"   "5184766"   "5265317"   "5479698").PN. OR ("6378186").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/19 14:17
S4	16	("2779092"   "3968558"   "4470717"   "4767046"   "5011068").PN. OR ("5184766").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/19 14:22
S5	10	("4535927"   "4667866"   "4767046").PN. OR ("5044541").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/19 14:26
S6	36	("4046263"   "4162387"   "4256947"   "4273504"   "4310958"   "4317560"   "4359815"   "4400607"   "4404451"   "4441645"   "4448341"   "4486928"   "4512709"   "4520550"   "4551902"   "4555844"   "4612697"   "4670961"   "4706372"   "4719328"   "4737611"   "4740133").PN. OR ("4893398").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/19 14:27
S7	1	("5267683").PN.	USPAT	OR	OFF	2007/11/19 14:29
S8	22	("4483476"   "4535927"   "4736515"   "4905884"   "5010634").PN. OR ("5267683").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/19 14:30
S9	394	(219/158).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/19 17:05
S10	371	(219/161).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/19 16:48

## EAST Search History

S11	554	(228/49.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/19 16:48
S12	127815	("219").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/19 17:05
S13	41485	("228").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/19 17:05
S14	188400	("29").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/19 17:05
S15	343214	S12 or S13 or S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/19 17:06
S16	209	S15 and ((clamp\$3 near20 (fixed or fixture or mobile or \$4station\$1 or robot) near50 (weld\$3 or laser or machin\$3) near50 (cylinder or hydraulic or pneumatic or drive)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/19 17:09
S17	141	S15 and ((clamp\$3 near10 (fixed or fixture or mobile or \$4station\$1 or robot) near20 (weld\$3 or laser or machin\$3) near20 (cylinder or hydraulic or pneumatic or drive)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/19 17:30
S18	1191	((clamp\$3 near10 (fixed or fixture or mobile or \$4station\$1 or robot) near20 (weld\$3 or laser or machin\$3) near20 (cylinder or hydraulic or pneumatic or drive)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/19 17:30
S19	74	((clamp\$3 near10 (\$4station\$1 or robot) near20 (weld\$3 or laser) near20 (cylinder or hydraulic or pneumatic or drive)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/19 17:31